

RADIO COMMUNICATIONS ENGINEER

DESCRIPTION OF WORK

An individual in this class is responsible for the technical direction of a radio communication system including the design, installation, maintenance, and location of receiving and transmitting equipment. Work assignments are received in general terms, and this employee independently determines his own work methods and makes final decisions on technical questions relating to the design, construction, and maintenance of radio transmitting and receiving equipment and the location of radio stations. Work includes the technical supervision of subordinate radio operating and/or maintenance personnel, and it requires the use of acquired technical skill in coordinating the work of the various radio stations with that of local police stations, or other radio communications systems and for complying with Federal Communications Commission regulations on equipment and procedure. Work is reviewed by an administrative superior primarily through evaluation of the effectiveness of coverage of the radio network, and through analysis of the reports of operating efficiency and the cost of operation and maintenance of the radio system. Work is also evaluated through analysis of reports from the Federal Communications Commission regarding compliance with operating and monitoring regulations.

RECRUITMENT STANDARDS

Minimum Education and Experience

Graduation from a technical school or community college with a two-year degree in electronics and three years of progressive experience in the maintenance and repair of electronics systems, including one year of experience in the maintenance and repair of radio systems; or an equivalent combination of education and experience.

Necessary Special Requirement

Positions in the Highway Patrol require an FCC License of the appropriate type. Other positions in the class may require an FCC License.